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| FORM PTO-1390 U.S OFFICE (Modified) | DEPARTMENT OF COMMERCE PATENT AND TRADEMARK | ATTORNEY'S DOCKET NUMBER 8947-000177/US | | | | | | | |
| TRANSMITTAL LETTER TO THE UNITED STATES | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | | | | |
| DESIGNATED/ELECTI | NEW APPLICATION | | | | | | | | |
| CONCERNING A FILING UNDER 35 U.S.C. 371 | | EXPRESS MAIL LABEL NO. | | | | | | | |
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | | | | | |
| PCT/KR2004/002565 | October 7, 2004 | October 8, 2003, November 24, 2003, November 24, 2003, June 3, 2004, and July 1, 2004 | | | | | | | |
| TITLE OF INVENTION FACILITY WITH MULTI-STORIED PROCESS CHAMBER FOR CLEANING SUBSTRATES AND METHOD FOR | | | | | | | | | |
| CLEANING SUBSTRATES USING THE FACILITY | | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | | | | |
| Joung-Hyeon LIM, Jung-Keun CHO, Kyo-Woog KOO, In-Ho BANG, Woo-Young KIM, Man-Seok OH, and Hyun-Jong KIM | | | | | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | | |
| 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | | | |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | | | |
| 3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1). | | | | | | | | | |
| 4. The US has been elected by the expiration of 19 months from the priority date (Article 31). | | | | | | | | | |
| 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | | | |
| a. A copy of the International Application as fried (53 0.5.c. 371(c)(2)) a. is transmitted herewith (required only if not transmitted by the International Bureau). WO 2005/034227A1 | | | | | | | | | |
| | | | | | | | | | |
| CI 1: d. Huit d Grand Description Office (DO/HS) | | | | | | | | | |
| | | | | | | | | | |
| | of the filternational Application as filed (33 c | | | | | | | | |
| a. is transmitted herewith. | | | | | | | | | |
| b. has been previously submitted under 35 U.S.C. 154(d)(4) | | | | | | | | | |
| | nternational Application under PCT Article 1 | | | | | | | | |
| | quired only if not transmitted by the Internation | onal Bureau). | | | | | | | |
| b. have been transmitted by th | | | | | | | | | |
| c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | | |
| d. A have not been made and will not be made. | | | | | | | | | |
| 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | | |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | | | |
| Items 11. to 20. below concern document(s) or information included: | | | | | | | | | |
| | 1 05 055 1 05 11 00 1440 T | 1 Count Double (DCT//CA/O10) and | | | | | | | |
| 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98-1449, International Search Report (PCT/ISA/210) and PTO Form 1449 w/ References | | | | | | | | | |
| 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | |
| 13. A FIRST preliminary amendment. | | | | | | | | | |
| 14. A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | | | |
| 15. A substitute specification. | | | | | | | | | |
| 16. A change of power of attorney and/or address letter. | | | | | | | | | |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. | | | | | | | | | |
| 18. A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | |
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| | | | | | | | | | |
| 20. Other items or information: Formal Drawings (9 pages), PCT Form (PCT/IB/306) | | | | | | | | | |

| n | IAPS Rec'd PCT/PTO 3 1 MAR 2006 | | | | | | | |
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| NEW APPLICATION AT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 2303 | CA | 8947-000177/US CALCULATIONS PTO USE ONLY | | | |
| | | | | | | | | |
| PCT FEES - NAT | ONAL STAGE: | | | | | | | |
| Fee Code I | <u>Description</u> | | | | | | | |
| 1631 Basic National Stage Fee\$300.00 1632 National Stage Search Fee\$400.00 (Search report prepared and provided to USPTO) 1633 National Stage Examination Fee\$200.00 | | | | | | | | |
| | | | | | | | | |
| ENTER APPROPRIATE FEE AMOUNT = | | | | | 900.00 | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20 Months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | ° 130.00 | | | |
| PAGES | PAGES FILED | EXTRA PAGES FILED IN 50 PAGE SEGMENTS | RATE | | | | | |
| Total Pages | 34 -100 = | 0 | X 250.00 | \$ | 0.00 | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | |
| Total Claims | 40 - 20 = | 20 | X \$50.00 | \$ | 1000.00 | | | |
| Independent Claims | 2 - 3 = | 0 | X \$200.00 | \$ | 0.00 | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 | | | | | | | | |
| | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 2030.00 | | | |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | | | | |
| SUBTOTAL = | | | | \$ | 2030.00 | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30 Months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | * | | |
| TOTAL NATIONAL FEE = | | | | | 2030.00 | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | | | |
| TOTAL FEES ENCLOSED = | | | | | 2030.00 | | | |
| | | | | | Amount to be: refunded | \$ | | |
| | | | | | charged | \$ | | |
| a. A check in the amount of \$2030.00 to cover the above fees is enclosed. | | | | | | | | |
| b. Please charge my Deposit Account. No. 08-0750 in the amount of \$\\$ to cover the above fees. A triplicate copy of this sheet is enclosed. | | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-0750</u> . | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | |
| Send all correspondence to: Harness, Dickey & Pierce, P.L.C – Customer No. 30593 Post Office Box 8910 Reston, Virginia 20195 | | | | | | | | |
| , - | Date: March 31, 2006 By John A. Castellano, Reg. No. 35,094 | | | | | | | |
| JAC/smk | | | John | u A. C | asteriano, Keg. | | | |